

IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/812,702

DATE: 09/09/2004

TIME: 10:14:26

Input Set : A:\pto.lm.TXT

Output Set: N:\CRF4\09092004\J812702.raw

- 3 <110> APPLICANT: Liew, Choong-Chin
- 5 <120> TITLE OF INVENTION: Method for the Detection of Depression Related Gene canscripts in Blood
 - 7 <130> FILE REFERENCE: 4231/2055D
 - 9 <140> CURRENT APPLICATION NUMBER: 10/812,702
 - 10 <141> CURRENT FILING DATE: 2004-3-30
 - 12 <150> PRIOR APPLICATION NUMBER: US 10/802,875
 - 13 <151> PRIOR FILING DATE: 2004-03-12
 - 15 <150> PRIOR APPLICATION NUMBER: US 10/601,518
 - 16 <151> PRIOR FILING DATE: 2003-06-20
 - 18 <150> PRIOR APPLICATION NUMBER: US 10/268,730
 - 19 <151> PRIOR FILING DATE: 2002-10-09
 - 21 <150> PRIOR APPLICATION NUMBER: US 10/085,783
 - 22 <151> PRIOR FILING DATE: 2002-02-28
 - 24 <150> PRIOR APPLICATION NUMBER: US 09/477,148
 - 25 <151> PRIOR FILING DATE: 2000-01-04
 - 27 <150> PRIOR APPLICATION NUMBER: US 60/271,955
 - 28 <151> PRIOR FILING DATE: 2001-02-28
 - 30 <150> PRIOR APPLICATION NUMBER: US 60/305,340
 - 31 <151> PRIOR FILING DATE: 2001-07-13
 - 33 <150> PRIOR APPLICATION NUMBER: US 60/275,017
 - 34 <151> PRIOR FILING DATE: 2001-03-12
 - 36 <150> PRIOR APPLICATION NUMBER: US 60/115,125
 - 37 <151> PRIOR FILING DATE: 1999-01-06
 - 39 <160> NUMBER OF SEQ ID NOS: 112
 - 41 <170> SOFTWARE: PatentIn version 3.2
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 - 46 <213> ORGANISM: Human
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 - 65 <220> FEATURE:
 - 66 <221> NAME/KEY: misc_feature
 - 67 <222> LOCATION: (19)..(19)



60

110



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Input Set : A:\pto.lm.TXT

Output Set: N:\CRF4\09092004\J812702.raw

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RAW SEQUENCE LISTING DATE: 09/09/2004 PATENT APPLICATION: US/10/812,702 TIME: 10:14:26

Input Set : A:\pto.lm.TXT

Output Set: N:\CRF4\09092004\J812702.raw

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Output Set: N:\CRF4\09092004\J812702.raw

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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 09/09/2004 PATENT APPLICATION: US/10/812,702 TIME: 10:14:27

Input Set : A:\pto.lm.TXT

Output Set: N:\CRF4\09092004\J812702.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Input Set : A:\pto.lm.TXT

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Seq#:98; N Pos. 17
Seq#:99; N Pos. 8,361

Seq#:100; N Pos. 8,39,50,56,71,72,97,110,177

Seq#:101; N Pos. 121

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The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 5

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/812,702

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Input Set : A:\pto.lm.TXT

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L:10 M:256 W: Invalid Numeric Header Field, Wrong Current FILING DATE:YYYY-MM-DD
L:386 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:388 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:60
L:390 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:120
L:392 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:180
L:394 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:240
L:396 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:300
L:398 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:360
L:400 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:420
L:402 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:480
L:610 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:612 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:60
L:614 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:120
L:616 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:180
I::618 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:240
L:620 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:300
L:746 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:420
L:750 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:540
L:752 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:600
L:754 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:660
L:756 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:720
L\colon\!758 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:780
L:855 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:420
L:859 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:540
L:861 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:600
L:863 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:660
L:963 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:965 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:60
L:967 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:120
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L:1121 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:1123 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:60
L:1125 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:120
L:1127 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:180
L:1129 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:240
L{:}1212~M{:}341~W{:} (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
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L:1216 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:120
L:1218 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:180
L:1330 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0
L:1332 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:60
L:1387 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0
L:1389 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:60
L:1439 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0
L:1441 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:60
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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/812,702

DATE: 09/09/2004 TIME: 10:14:27

Input Set : A:\pto.lm.TXT

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L:1506 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0
L:1508 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:60
L:1510 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:120
L:1512 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:180
L:1584 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:240
L:1586 M:341 W: (46) "n" or "Xaa" used, for SEQ ID\#:26 after pos.:300
L:1588 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:360
L:1590 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:420
L:1637 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:300
L:1641 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:420
L:1643 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:480
L:1693 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0
L:1695 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:60
L:1697 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:120
L:1699 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:180
L:1729 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0
L:1826 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
L:1828 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:60
L:1898 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
L:1900 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:60
L:1970 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
L:1972 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:60
L:2037 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0
L:2039 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:60
L:2114 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0
L:2116 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:60
L:2171 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0
L:2173 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:60
L:2238 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0
L:2240 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:60
L:2317 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0
L:2319 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:60
L:2321 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:120
L:2361 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0
L:2363 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:60
L:2408 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0
L:2410 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:60
L:2432 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:60
L\!:\!2496 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0
L:2498 \ M:341 \ W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:60
L:2593 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0
L:2595 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:60
L:2665 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0
L:2667 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:60
L:2684 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:60
L:2779 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47 after pos.:0
L:2781 \ M:341 \ W: (46) "n" or "Xaa" used, for SEQ ID#:47 after pos.:60
L:2861 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:0
L:2863 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:60
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Input Set : A:\pto.lm.TXT

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L:2943 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:0
L:2947 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:120
L:2949 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:180
L:2951 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:240
L:2953 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:300
L:2955 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:360
L:2957 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:420
L:3317 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:0
L:3319 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:60
L:3321 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:120
L:3323 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:180
L:3325 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:240
L:3327 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:300
L:3329 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:360
L:3331 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:420
L:3421 M:341 W:. (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:0
L:3423 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:60
L:3427 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:180
L:3429 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:240
L:3431 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:300
L:3435 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:420
L:3899 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:0
L:3901 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:60
L:3903 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:120
L:3905 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:180
L:3907 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:240
L:3909 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:300
L:3911 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:360
L:3913 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:420
L:3915 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:480
L:3917 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:540
L:3919 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:600
L:3921 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:660
L:3983 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53 after pos.:0
L:3985 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53 after pos.:60
L:4060 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:0
L:4062 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:60
L:4064 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:120
L:4079 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56 after pos.:0
L:4338 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69 after pos.:300
L:4355 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:70 after pos.:0
L:4451 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71 after pos.:0
L:4453 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71 after pos.:60
L:4474 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:120
L:4509 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73 after pos.:0
L:4515 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73 after pos.:180
L:4545 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74 after pos.:0
L:4616 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76 after pos.:0
L:4618 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76 after pos.:60
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Input Set : A:\pto.lm.TXT

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L:4741 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78 after pos.:0
L:4743 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78 after pos.:60
L:4745 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78 after pos.:120
L:4793 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79 after pos.:0
L:4795 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79 after pos.:60
L:4877 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80 after pos.:0
L:4879 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80 after pos.:60
L:4881 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80 after pos.:120
L:4883 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80 after pos.:180
L:4908 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81 after pos.:0
L:4967 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82 after pos.:0
L:4969 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82 after pos.:60
L:4971 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82 after pos.:120
L:5001 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:83 after pos.:0
L:5020 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84 after pos.:0
L:5166 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89 after pos.:0
L:5168 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89 after pos.:60
L:5170 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89 after pos.:120
L:5172 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89 after pos.:180
L:5226 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91 after pos.:300
L:5248 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:92 after pos.:0
L:5670 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:0
L:5672 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:60
L:5674 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:120
L:5676 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:180
L:5678 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:240
L:5680 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:300
L:5682 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:360
L:5684 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:420
L:5686 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:480
L:5981 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95 after pos.:0
L:5983 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95 after pos.:60
L:5985 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95 after pos.:120
L:5987 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95 after pos.:180
L:5989 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95 after pos.:240
L:5991 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95 after pos.:300
L:5993 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95 after pos.:360
L:6087 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96 after pos.:120
L:6103 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96 after pos.:600
L:6105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96 after pos.:660
L:6107 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96 after pos.:720
L:6109 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96 after pos.:780
L:6143 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:98 after pos.:0
L:6165 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:99 after pos.:0
L:6177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:99 after pos.:360
L:6231 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:100 after pos.:0
L:6233 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:100 after pos.:60
L:6235 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:100 after pos.:120
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VERIFICATION SUMMARY

DATE: 09/09/2004

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Input Set : A:\pto.lm.TXT

Output Set: N:\CRF4\09092004\J812702.raw

L:6262 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:120